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## Seaweeds – a sustainable food resource from Greenland

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Greenland has many of the prerequisites to make seaweed harvesting and cultivation a viable and sustainable business: 44,087 km coastline, low water pollution, and a diverse native seaweed population. Seaweed could provide an environmentally friendly income source with little investment requirements, making use of already existing infrastructure of the fishing industry.

However, seaweeds have a highly variable chemical and nutritional composition, depending, amongst others factors, on species and location. While the current intensive research effort is rapidly increasing our knowledge of edible seaweed, very little is known about Greenland seaweeds. The PhD project “Greenland seaweeds for human consumption” provides this knowledge base for Greenlandic seaweed species, combined with an evaluation of chemical and microbial risks. This presentation addresses the project in general and presents the newest results from the analysis of 16 different chemical elements in ten seaweed species, including toxic metals.